

Title (en)

POLYMERIZABLE LIQUID CRYSTAL INK FORMULATIONS

Title (de)

POLYMERISIERBARE FLÜSSIGKRISTALLTINTENFORMULIERUNGEN

Title (fr)

FORMULATIONS D'ENCRE À CRISTAUX LIQUIDES POLYMÉRISABLES

Publication

EP 3894515 A1 20211020 (EN)

Application

EP 19816327 A 20191209

Priority

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Abstract (en)

[origin: WO2020120353A1] The present invention relates to polymerizable liquid crystalline formulations and especially to an ink formulation for inkjet printing comprising 10 to 50% w/w of one or more polymerizable liquid crystalline compounds and 50 to 90% w/w of one or more organic solvents selected from the group of aliphatic ketones, cyclic ketones, alkyl ethers of ethylene glycol or propylene glycol, alkyl esters of menthyl or aromatic solvents.

IPC 8 full level

C09K 19/58 (2006.01); **C09K 19/04** (2006.01); **C09K 19/52** (2006.01)

CPC (source: EP KR US)

C09D 11/033 (2013.01 - US); **C09D 11/107** (2013.01 - US); **C09D 11/30** (2013.01 - KR US); **C09D 11/36** (2013.01 - US); **C09D 11/38** (2013.01 - US); **C09K 19/3852** (2013.01 - US); **C09K 19/586** (2013.01 - EP KR US); **G02B 5/201** (2013.01 - US); **C09K 2019/0448** (2013.01 - EP KR US); **C09K 2019/525** (2013.01 - EP KR US); **C09K 2219/00** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2020120353A1

Designated contracting state (EPC)

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